

HCI-TC 35 W/942 NDL PB G8.5

POWERBALL HCI-TC | Metal halide lamps with ceramic technology for enclosed luminaires



- Shop interiors, shop windows
- Shopping arcades
- Foyers, reception areas
- Museums, exhibitions
- Accent lighting
- Decorative lighting

Product benefits

- Very high efficiency
- Good to excellent color rendering
- Very good color stability
- UV values significantly below the maximum permitted thresholds to IEC 61167 thanks to UV filter

Product features

- POWERBALL ceramic technology
- UV filter technology
- Light colors: warm white (830 WDL), neutral white (942 NDL)
- Average life: 15,000 hours (on ECG in h90 burning position)
- Average life: 12,000 hours (on magnetic control gear)



Technical data

Electrical data

Nominal voltage	85 V
Nominal wattage	35 W
Lamp current	0.5 A
Rated wattage	37.5 W
PFC capacitor at 50 Hz	6.0 μF ¹⁾

¹⁾ At rated voltage and $\cos \varphi \geq 0.9$

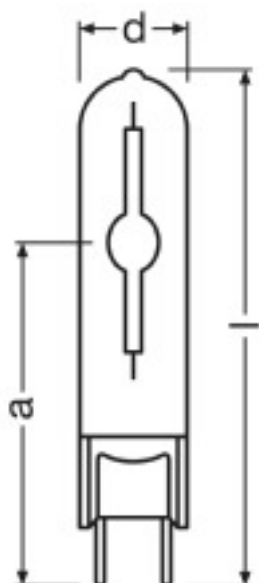
Light technical data

Luminous flux	3500 lm ¹⁾
Color rendering index Ra	90
Color rendering group	1A
Color temperature	4200 K
Luminous efficacy	90 lm/W ¹⁾
Light color	942

¹⁾ In operation on low frequency square wave electronic ballast, 70-400 Hz. Operation on electromagnetic ballast may be less efficient.

Dimensions & weight

Diameter	15.0 mm
Length	81.0 mm
Light center length (LCL)	52.0 mm



Product line drawing with letters

Colors & materials

Lamp mercury content	4.6 mg
Mercury-free	No

Temperatures

Maximum permitted pinch temperature	300 °C
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Lifespan

Lifespan B50	15000 / 12000 h ¹⁾
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¹⁾ At ECG / At CCG

Additional product data

Base (standard designation)	G8.5
Design / version	Clear

Capabilities

Burning position	Any
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Lamp-ECG combination (System)

PT-FIT 35 B

Products

PT-FIT 35 B

PT-FIT 35 I

Products

PT-FIT 35 I

PT-FIT 35 S

Products

PT-FIT 35 S

PTi 2x35 I

Products

PTi 2x35 I (new case)

PTi 2x35 S

Products

PTi 2x35 S (new case)

PTi 35 B MINI

Products

PTi 35 B MINI

PTi 35 S MINI

Products

PTi 35 S MINI

PTi 35 S MINI

Products

PTi 35 S MINI

PTi 35 SNAP

Products

PTi 35 SNAP

PTi 35/220-240 B

Products

PTi 35 B

PTi 35/220-240 I

Products

PTi 35 I

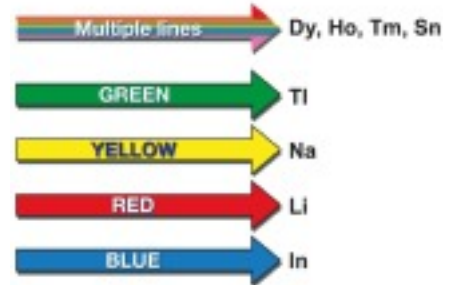
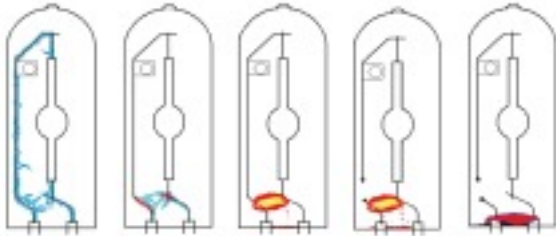
PTi 35/220-240 S

Products

PTi 35 S

System guarantee

For the vast majority of our lamps we are offering an extended system guarantee in conjunction with OSRAM POWERTRONIC control gear.

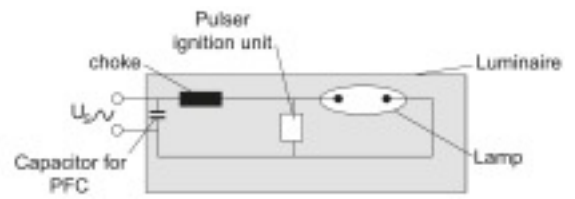
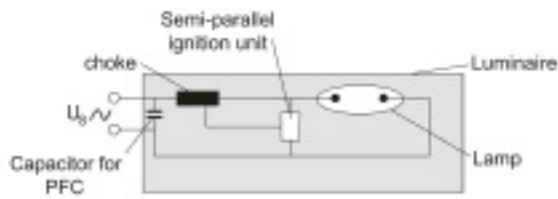


Variation possibilities of the Colour Temperature

		T_n	CRI
Daylight	D	> 5300 K	≥80
Neutral White	N	ca. 4000 K	60-69
Neutral White de luxe	NDL	4200 K	≥80
Warm White de luxe	WDL	3000 K	≥80

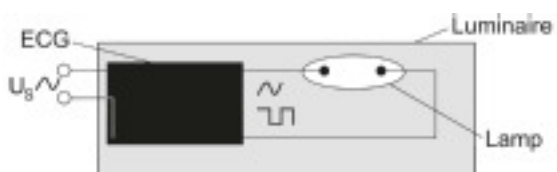
Others graphics

Others graphics



Circuit diagram

Circuit diagram



Circuit diagram

References / Links

For more information on the system guarantee and the terms and conditions of the guarantee visit

▶ www.osram.com/system-guarantee

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.